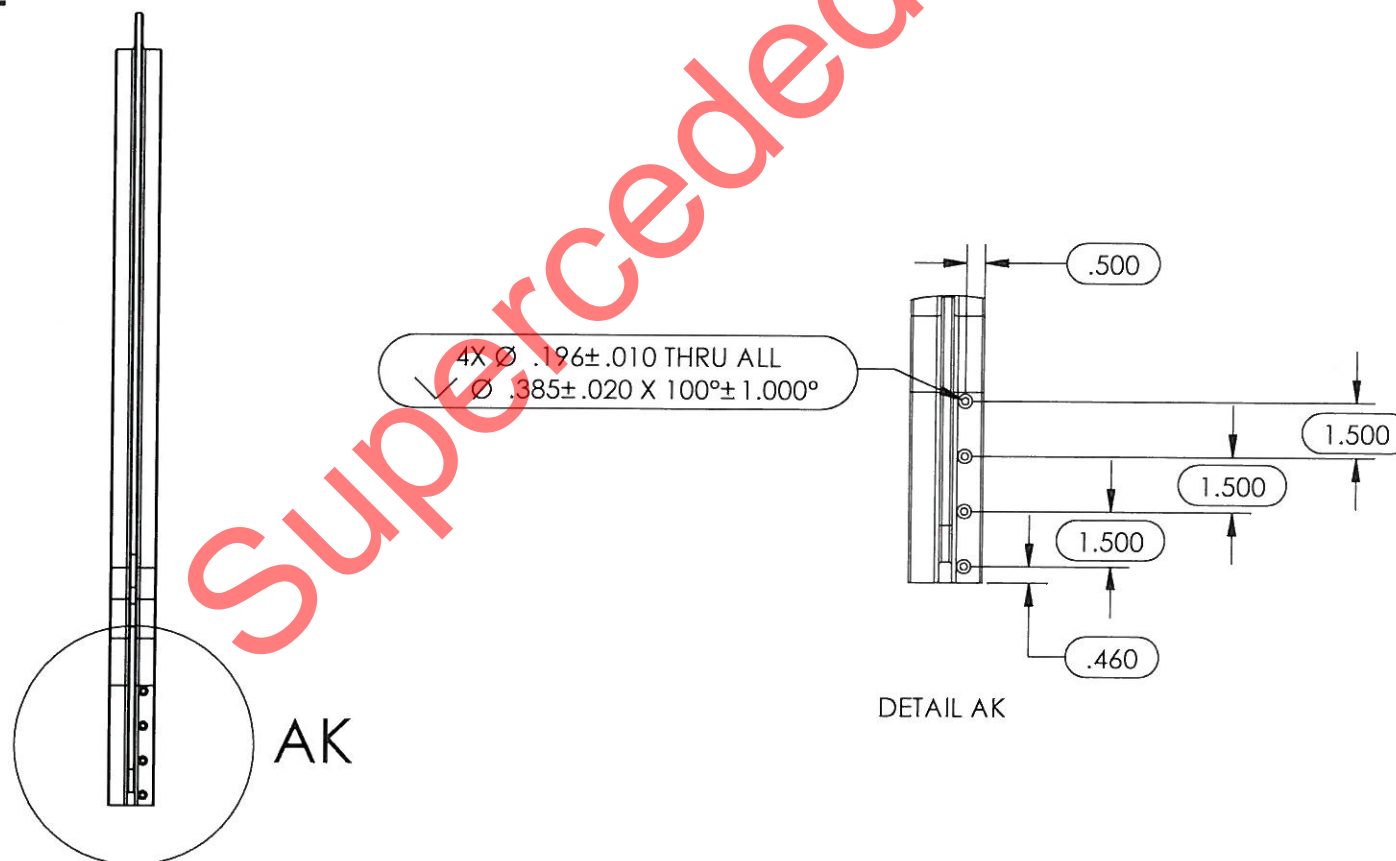


<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04085				SHEET 1 OF 1	
	DWG NO. 647.3900	REV: B	PREPARED BY J. BAINI	DATE: 08/28/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: DEFLECTORS					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED SHEET 8				ECR: 13-86	

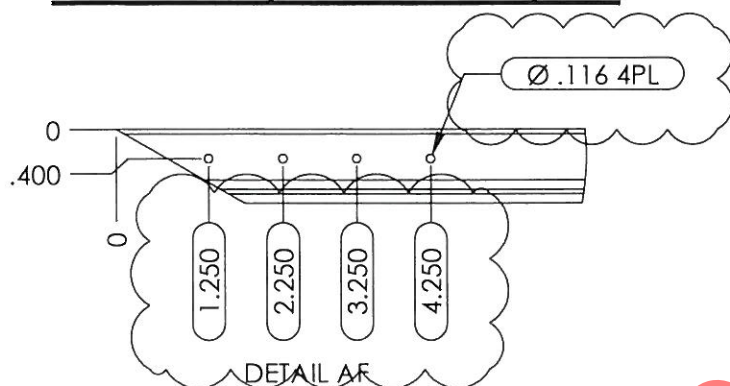
**SHEET 8 IS:**



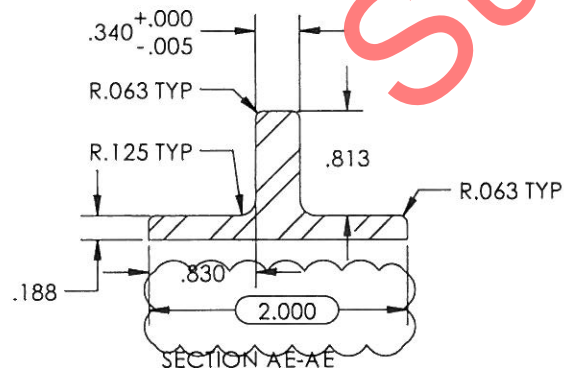
DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04038				SHEET 1 OF 1	
	DWG NO. 647.3900	REV: B	PREPARED BY J. BAINI	DATE: 08/09/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: DEFLECTORS					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: MARKED INSPECTION DIMENSIONS				ECR:	

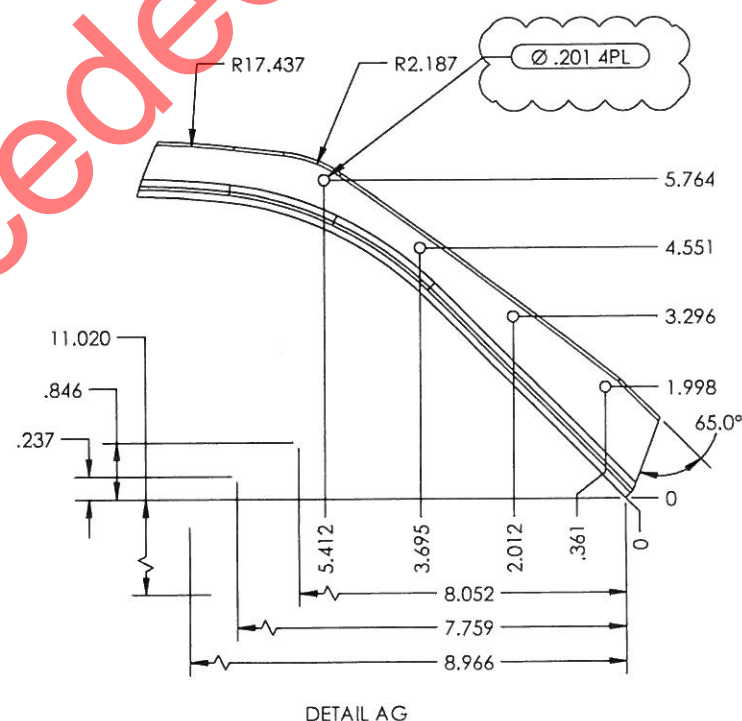
### SHEET 7, ZONE D1, IS:



### SHEET 7, ZONE C2, IS:



### SHEET 7, ZONE C4, IS:



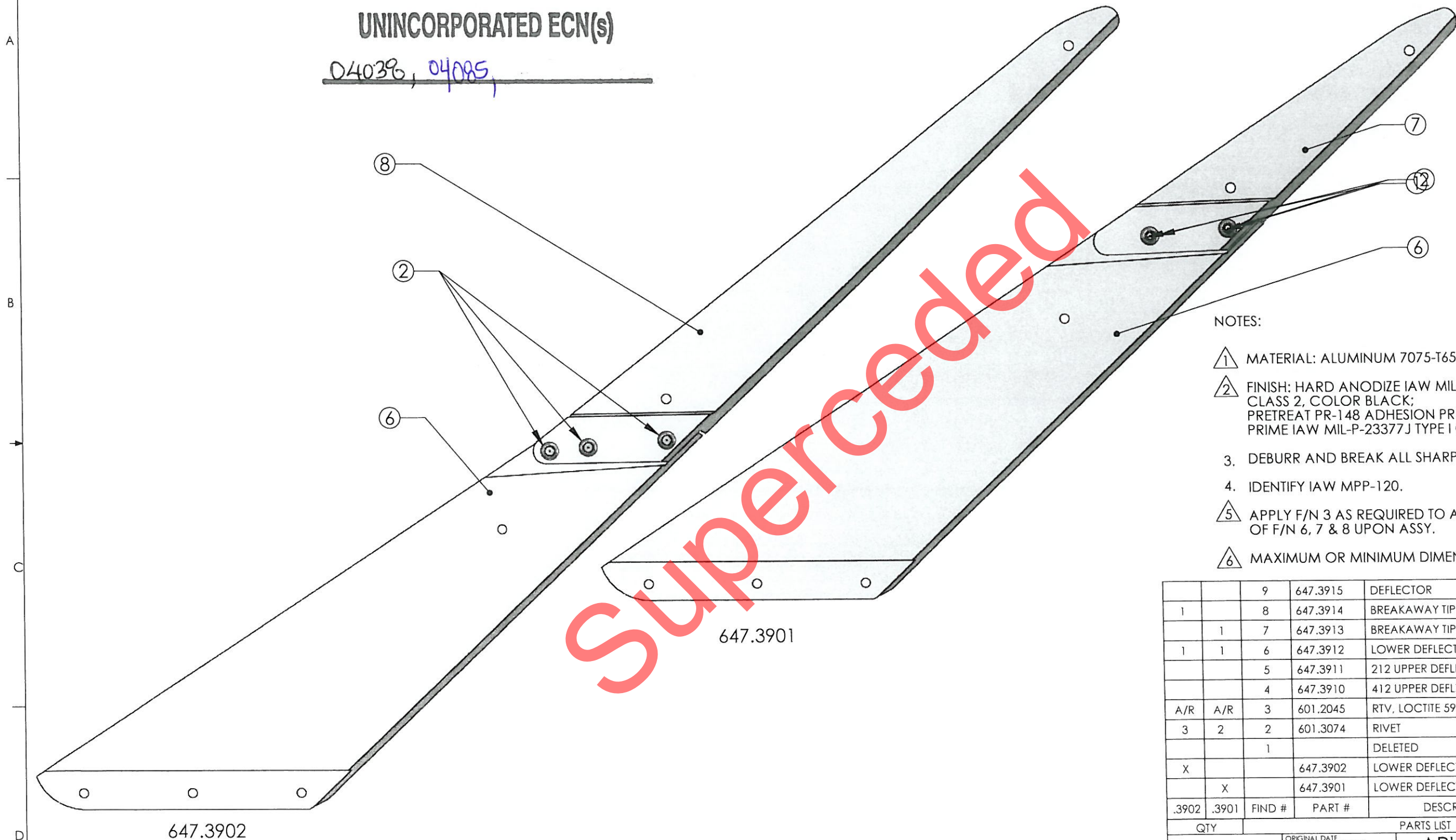
DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
		<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR1		N/C
N/C	INITIAL RELEASE	09/10/09	P. BRAVO
A	INCORPORATED ECN 02864, 03539 & 03595	07/24/12	P. BRAVO
B	INCORPORATED ECN 04025	08/02/13	P. BRAVO

UNINCORPORATED ECN(s)

04036, 04085,



NOTES:

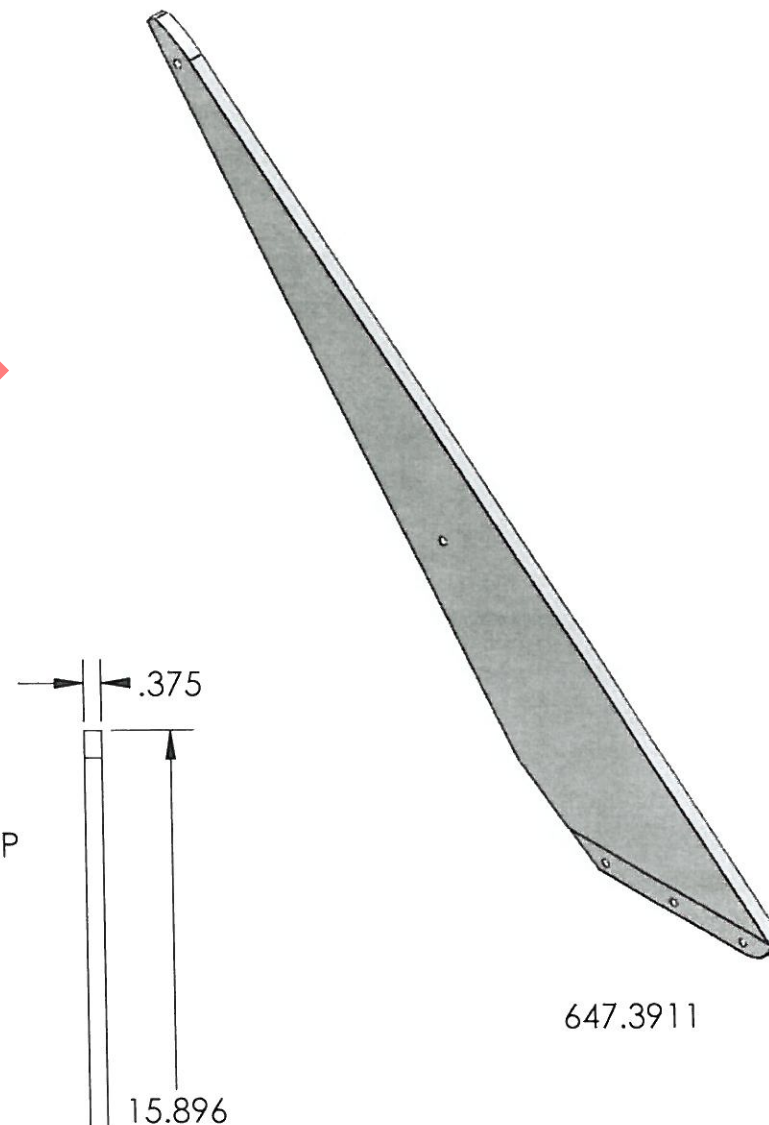
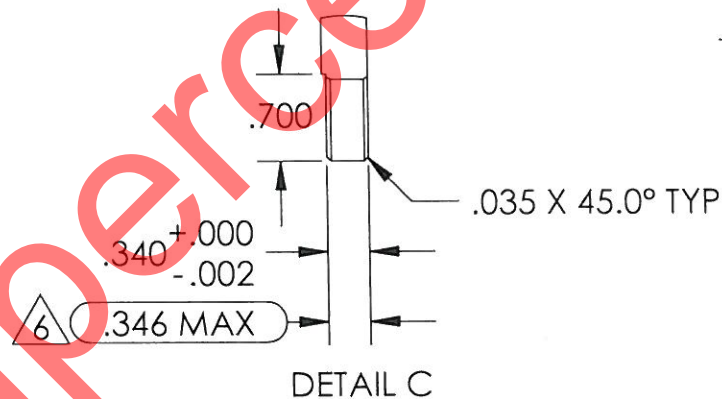
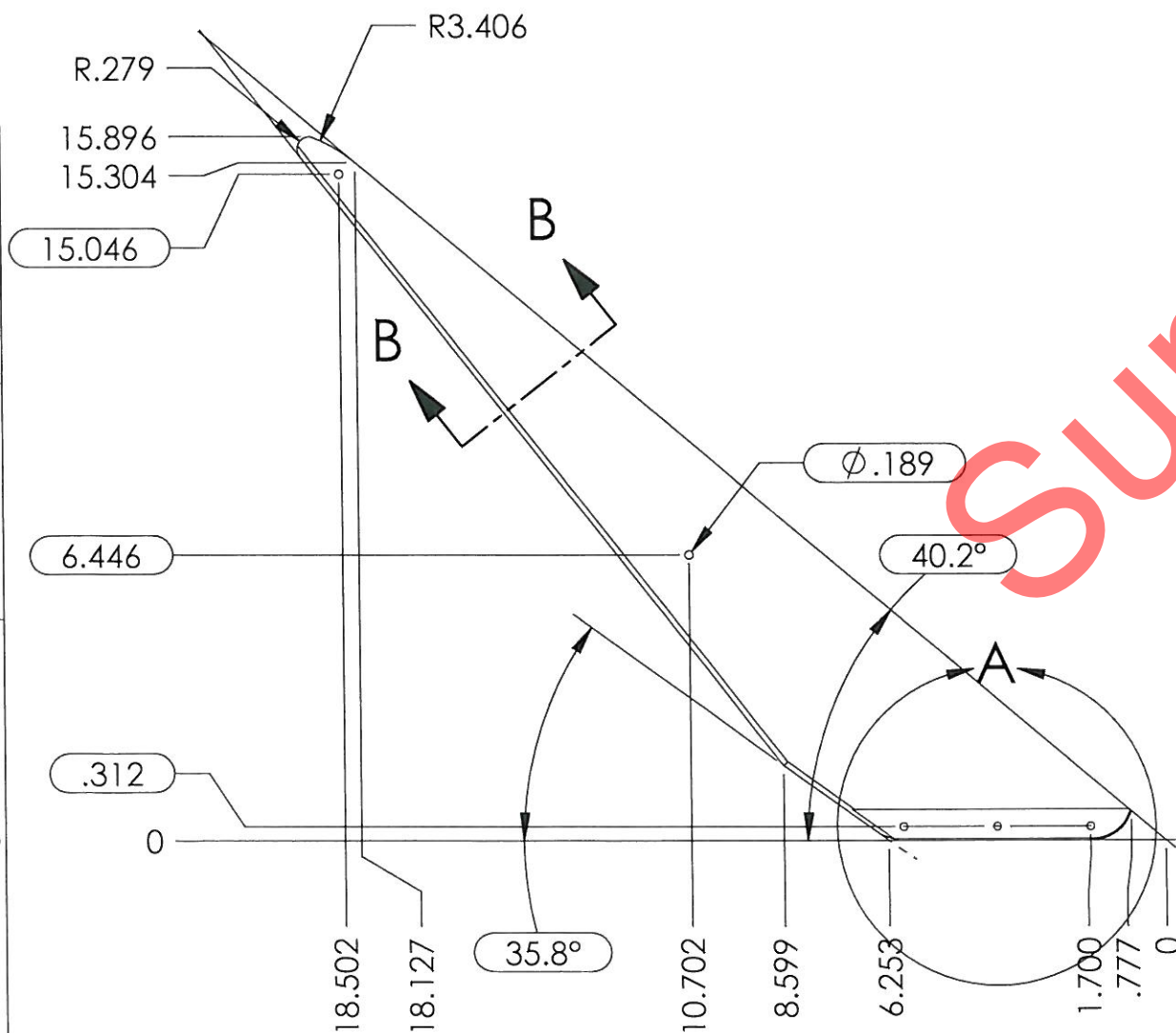
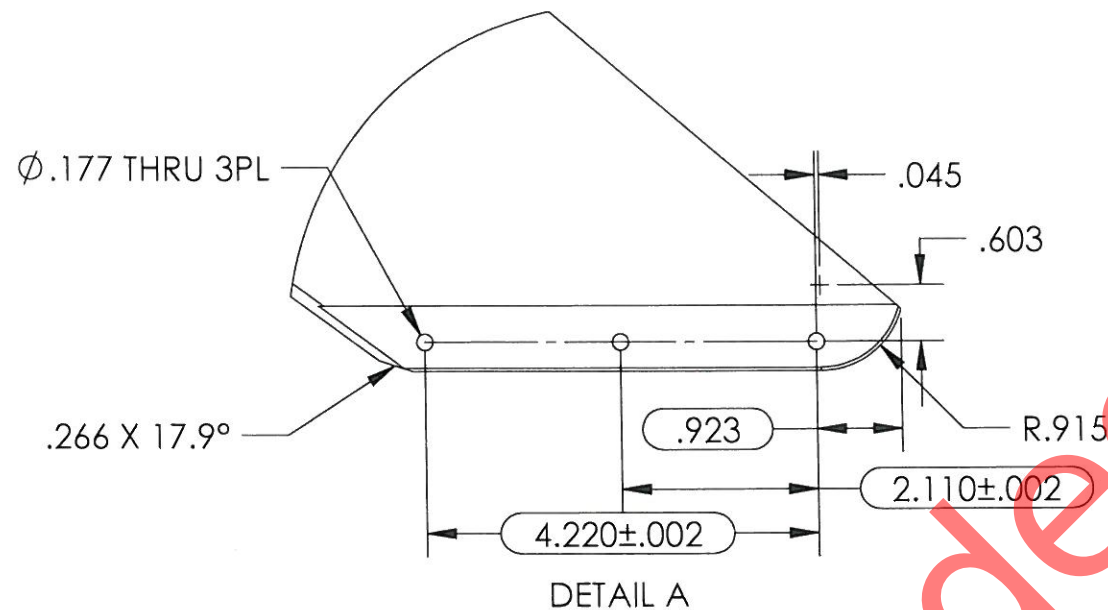
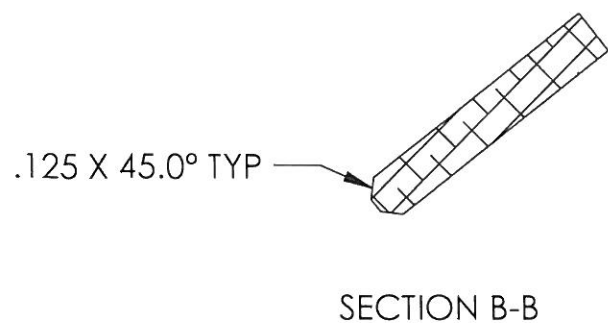
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
- 5 APPLY F/N 3 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6, 7 & 8 UPON ASSY.
- 6 MAXIMUM OR MINIMUM DIMENSION AFTER FINISH.

		9	647.3915	DEFLECTOR	1	2
1		8	647.3914	BREAKAWAY TIP LONG	1	2
	1	7	647.3913	BREAKAWAY TIP MEDIUM	1	2
1	1	6	647.3912	LOWER DEFLECTOR	1	2
		5	647.3911	212 UPPER DEFLECTOR	1	2
		4	647.3910	412 UPPER DEFLECTOR	1	2
A/R	A/R	3	601.2045	RTV, LOCTITE 598		5
3	2	2	601.3074	RIVET	MS20470AD 6-12	
		1		DELETED		
X			647.3902	LOWER DEFLECTOR ASSY HIGH		
	X		647.3901	LOWER DEFLECTOR ASSY LOW		
.3902	.3901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC

QTY				PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
647.3800		DRAWN BY D.SCHUR	CHECKER D.BARKER		
		DRAWING APPROVAL P. BRAVO 09-10-09			
		CONTRACT No.			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
SIZE	CAGE CODE	DWG. NO.	REV.		
B	07M26	647.3900	B		
SCALE NONE			SHEET 1 OF 7		

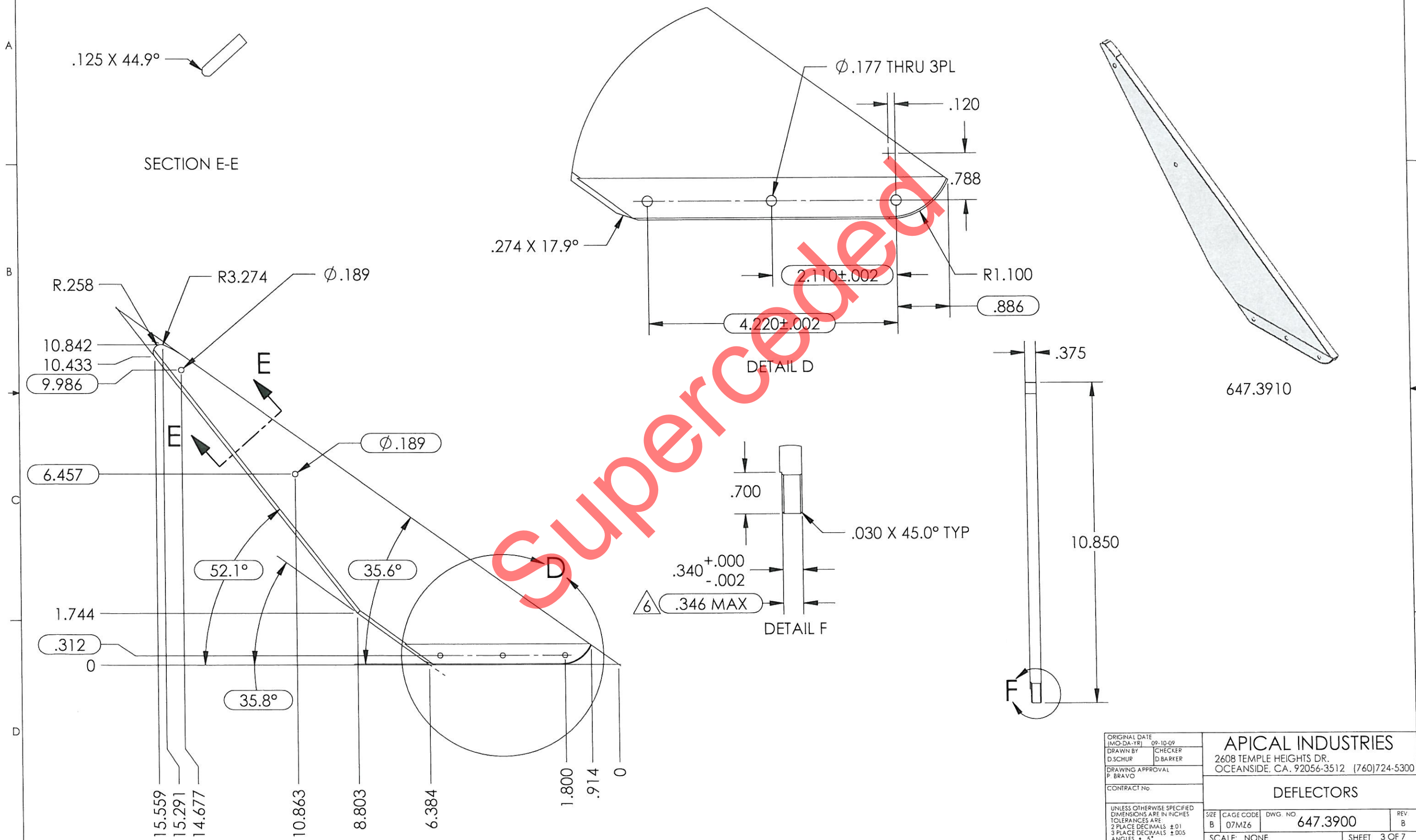


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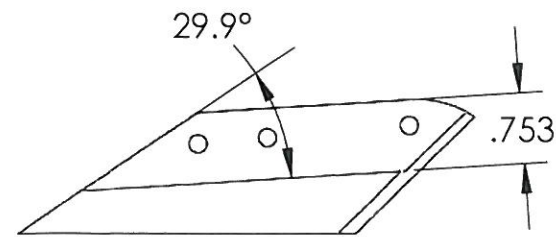
ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER D.BARKER		DEFLECTORS	
DRAWING APPROVAL P. BRAVO		SIZE B	REV B
09-10-09		CAGE CODE 07MZ6	DWG. NO. 647.3900
CONTRACT No.		SCALE NONE	SHEET 2 OF 7
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°			

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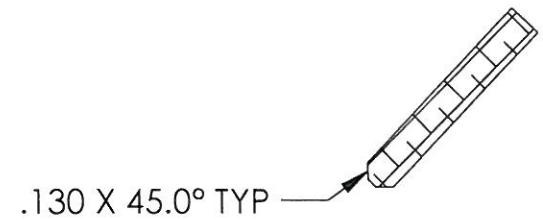




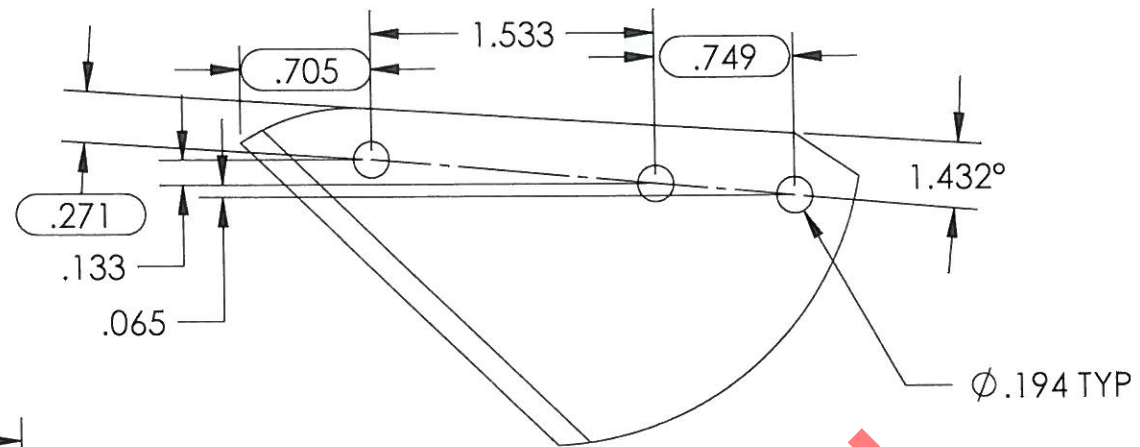
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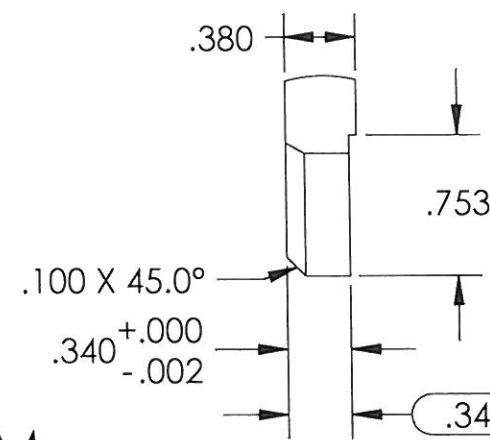
SECTION L-L



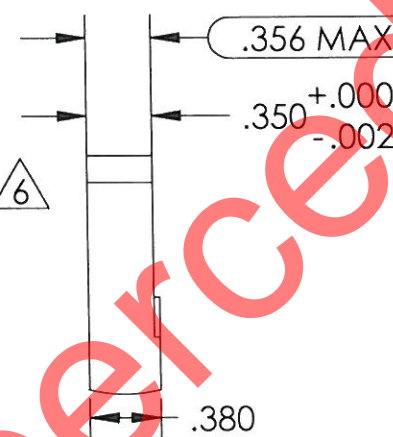
SECTION M-M



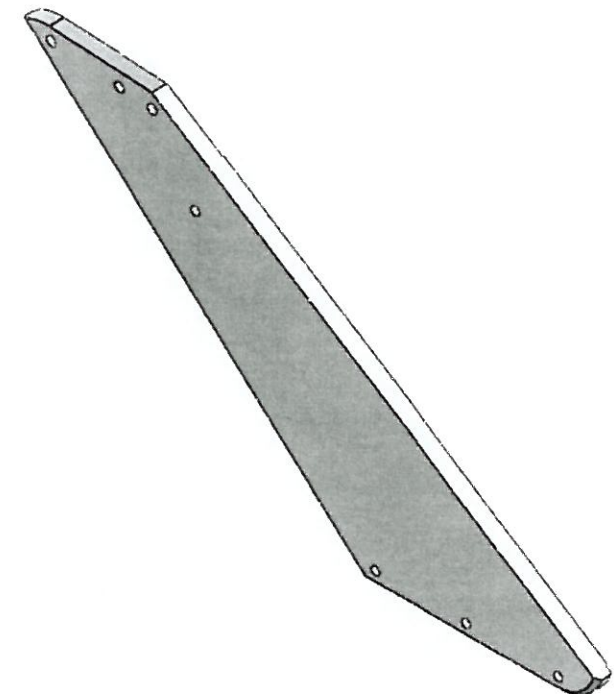
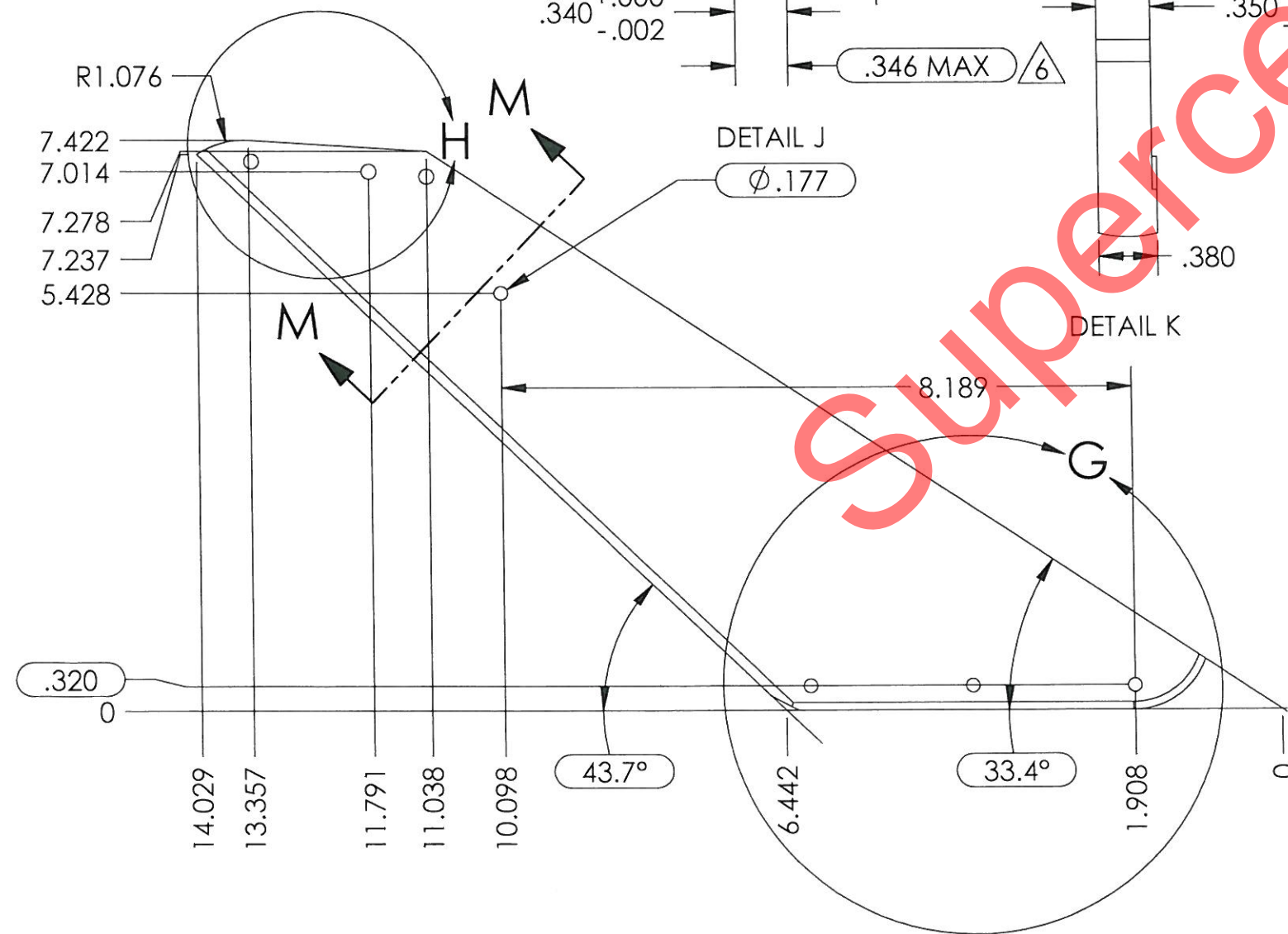
DETAIL H



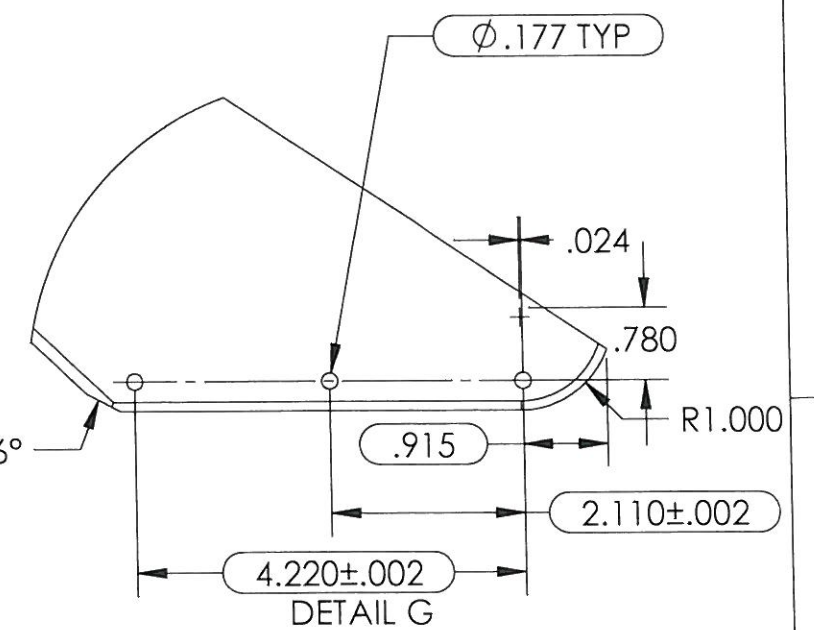
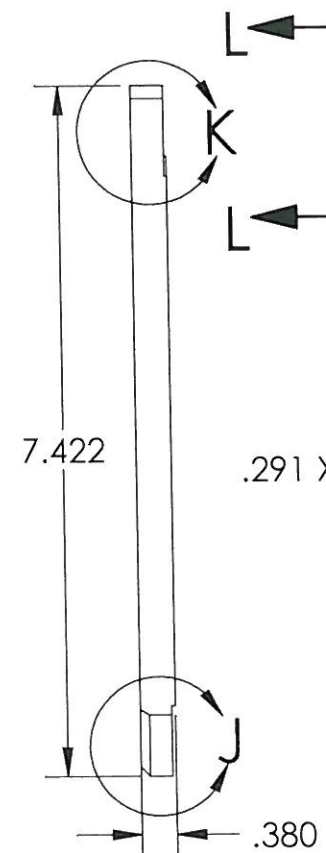
DETAIL J



DETAIL K



647.3912

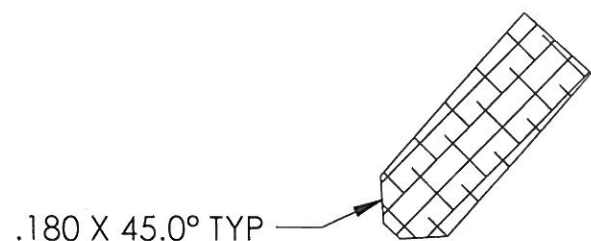


ORIGINAL DATE  
(MO-DA-YR) 09-10-09  
DRAWN BY  
D SCHUR  
CHECKER  
D BARKER  
DRAWING APPROVAL  
P. BRAVO  
09-10-09  
CONTRACT NO.

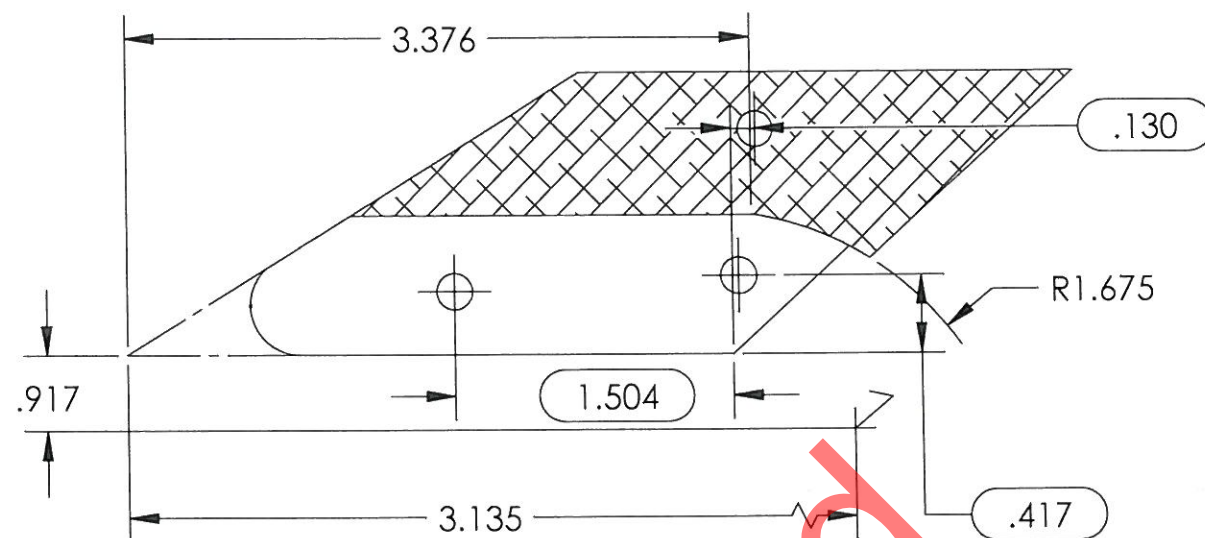
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE  
2 PLACE DECIMALS ±.01  
3 PLACE DECIMALS ±.005  
ANGLES ± 5°

APICAL INDUSTRIES  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300  
DEFLECTORS  
SIZE B CAGE CODE 07MZ6 DWG NO. 647.3900 REV B  
SCALE NONE SHEET 4 OF 7

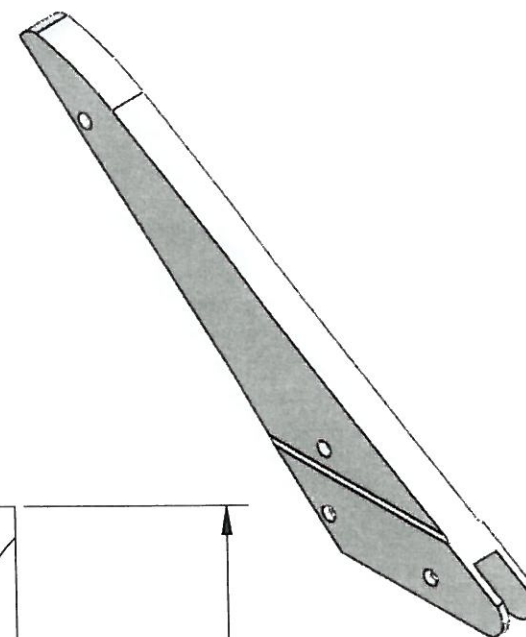
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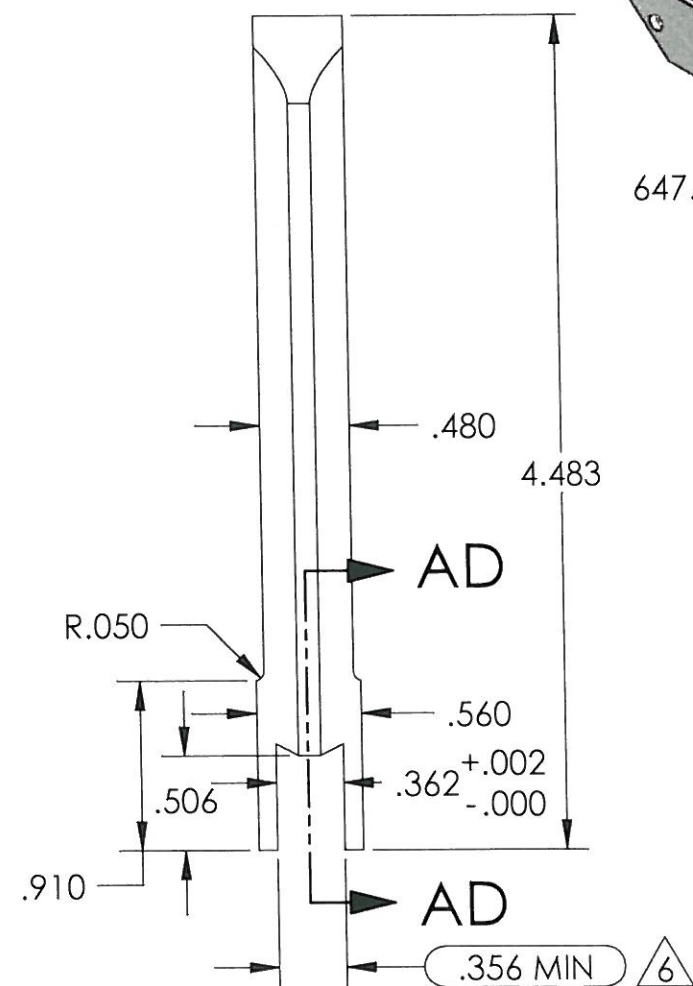
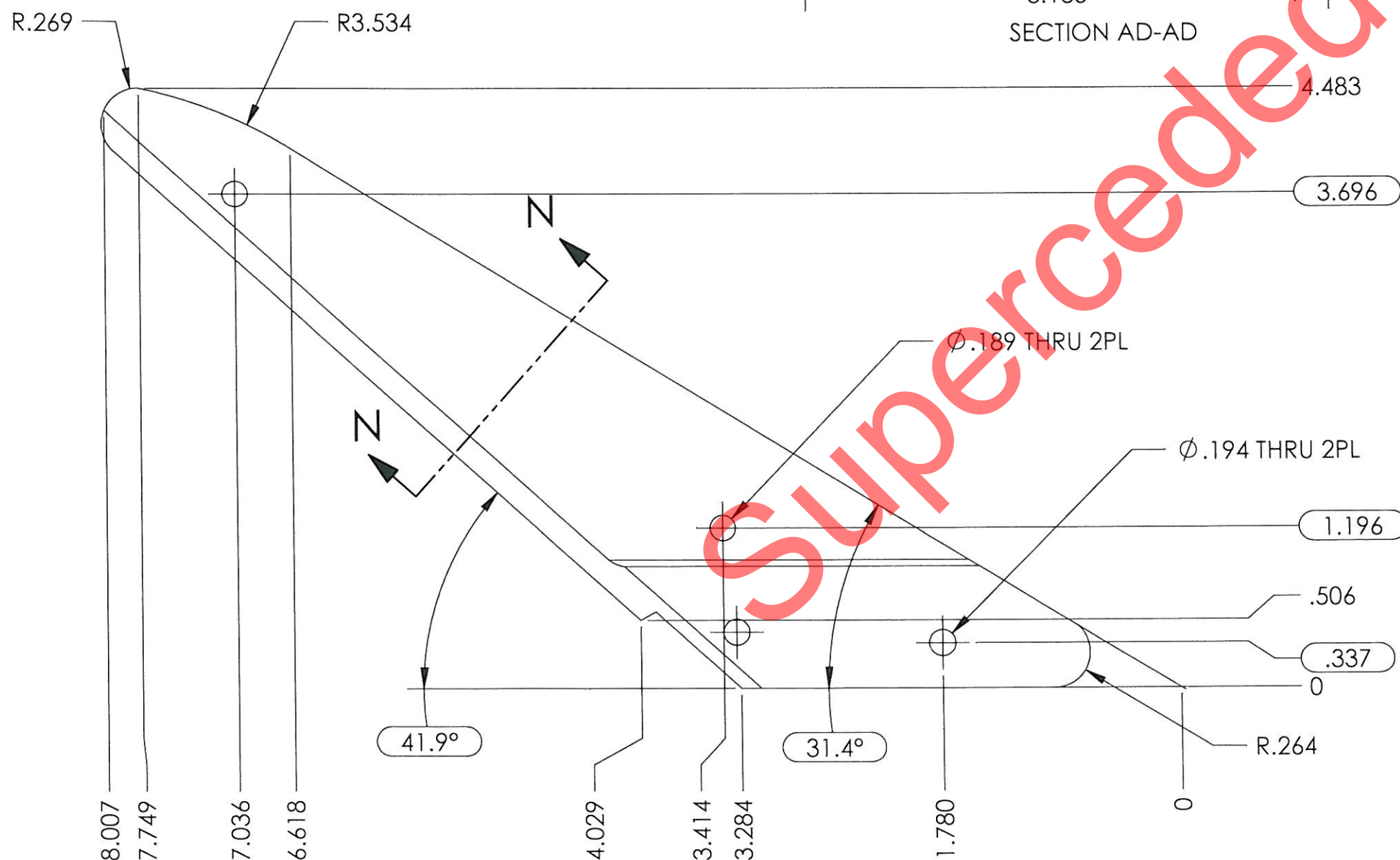
SECTION N-N



SECTION AD-AD



647.3913



ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D SCHUR	CHECKER D BARBER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 09-10-09		DEFLECTORS	
CONTRACT NO.		SIZE B	REV 8
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.3900
		SCALE NONE	SHEET 5 OF 7



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.175 X 45.0° TYP

SECTION T-T

SECTION AB-AB

647.3914

ORIGINAL DATE (MO-DA-YR) 09-10-09		APICAL INDUSTRIES	
DRAWN BY D.SCHUR	CHECKER D.BARKER	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 09-10-09		DEFLECTORS	
CONTRACT NO.		SIZE B	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.3900
		SCALE NONE	SHEET 6 OF 7



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**SECTION AE-AE**

**DETAIL AF**

**DETAIL AG**

**DEFLECTORS**

**APICAL INDUSTRIES**  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300

ORIGINAL DATE (MO-DA-YR) 09-10-09  
DRAWN BY D.SCHUR CHECKER D.BARKER  
DRAWING APPROVAL P. BRAVO 09-10-09  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ± .01  
3 PLACE DECIMALS ± .005  
ANGLES ± .5°

SIZE B CAGE CODE 07MZ6 DWG. NO. 647.3900 REV. B  
SCALE NONE SHEET 7 OF 7

DETAIL AF

DETAIL AG

ORIGINAL DATE (MM/DD/YY) 09/10/09		<h1>APICAL INDUSTRIES</h1> <p>2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300</p>			
DRAWN BY D SCHUR	CHECKER D BARKER				
DRAWING APPROVAL P BBAVO 09/10/09		<h2>DEFLECTORS</h2>			
CONTRACT NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.001 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE	CAGE CODE	DWG NO	REV
		B	07MZ6	647.3900	B
		SCALE NONE			SHEET